IN THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A non-transitory computer accessible memory medium storing program instructions executable by a processor to:

receive from a requesting program a request to determine an invocation interface of a ~~stored~~ graphical program, wherein the invocation interface is usable to invoke execution of the graphical program, wherein the graphical program is stored on a first computer system, wherein the requesting program executes on a second different computer system;

programmatically determine the invocation interface of the graphical program in response to the request, wherein programmatically determining the invocation interface includes programmatically determining one or more parameters that should be passed to the graphical program when invoking execution of the graphical program; and

return information specifying the invocation interface of the graphical program to the requesting program;

wherein the information specifying the invocation interface of the graphical program is useable by the requesting program to invoke execution of the graphical program.

2. (Cancelled).

3. (Currently Amended) The non-transitory computer accessible memory medium of claim 1,

wherein said returning the information specifying the invocation interface of the graphical program comprises returning information specifying the one or more parameters that should be passed to the graphical program.

4. (Currently Amended) The non-transitory computer accessible memory medium of claim 3,

wherein said programmatically determining the one or more parameters comprises programmatically determining data types of the one or more parameters; and

wherein said returning the information specifying the one or more parameters comprises returning information specifying the data types of the one or more parameters.

5. (Currently Amended) The non-transitory computer accessible memory medium of claim 4, further storing program instructions executable by a processor to:

generate data describing the data types of the parameters for invoking the graphical program;

wherein said returning the information specifying the data types of the parameters for invoking the graphical program comprises returning the data describing the data types.

6. (Currently Amended) The non-transitory computer accessible memory medium of claim 4, further storing program instructions executable by the processor to:

generate XML data describing the data types of the one or more parameters that should be passed to the graphical program when invoking execution of the graphical program;

wherein said returning the information specifying the data types of the one or more parameters comprises returning the XML data describing the data types.

7. (Currently Amended) The non-transitory computer accessible memory medium of claim 3 ,

wherein said programmatically determining the one or more parameters comprises programmatically determining default values of the one or more of the parameters; and

wherein said returning the information specifying the one or more parameters comprises returning information specifying the default values.

8. (Currently Amended) The non-transitory computer accessible memory medium of claim 1,

wherein said programmatically determining the invocation interface of the graphical program comprises programmatically analyzing one or more data structures representing the graphical program to determine the invocation interface of the graphical program.

9. (Currently Amended) The non-transitory computer accessible memory medium of claim 1,

wherein the graphical program comprises a plurality of interconnected nodes that visually indicate functionality of the graphical program.

10. (Currently Amended) The non-transitory computer accessible memory medium of claim 1,

wherein the graphical program comprises a graphical data flow program.

11. (Currently Amended) The non-transitory computer accessible memory medium of claim 1,

wherein the graphical program comprises a block diagram portion and a user interface portion.

12. (Currently Amended) The non-transitory computer accessible memory medium of claim 1,

wherein said receiving the request to determine the invocation interface of the graphical program comprises receiving an invocation of one of a method or a function.

13. (Currently Amended) The non-transitory computer accessible memory medium of claim 1,

wherein said receiving the request to determine the interface of the graphical program comprises receiving a message requesting the invocation interface of the graphical program.

14. (Cancelled).

15. (Currently Amended) A non-transitory computer accessible memory medium storing program instructions, wherein the program instructions are stored on a first computer system, wherein the program instructions are executable by a processor to:

programmatically request information specifying an invocation interface of a ~~stored~~ graphical program, wherein the invocation interface is usable to invoke execution of the graphical program, wherein the graphical program is stored on a second computer system different from the first computer system;

receive the information specifying the invocation interface of the graphical program in response to the request, wherein receiving the information includes receiving information specifying one or more parameters that should be passed to the graphical program when invoking execution of the graphical program; and

invoke execution of the graphical program using the received information specifying the invocation interface of the graphical program, wherein said invoking includes passing the one or more parameters to the graphical program.

16-17. (Cancelled).

18. (Currently Amended) The non-transitory computer accessible memory medium of claim 15,

wherein said receiving the information specifying the one or more parameters comprises receiving information specifying data types of the one or more parameters; and

wherein said passing the one or more parameters to the graphical program comprises passing one or more parameters having the specified data types.

19. (Currently Amended) The non-transitory computer accessible memory medium of claim 15,

wherein said receiving the information specifying the one or more parameters comprises receiving information specifying default values of one or more of the parameters; and

wherein said passing the one or more parameters to the graphical program includes passing one or more parameters having the default values specified by the information.

20. (Currently Amended) The non-transitory computer accessible memory medium of claim 15,

wherein the graphical program comprises a plurality of interconnected nodes that visually indicate functionality of the graphical program.

21. (Currently Amended) The non-transitory computer accessible memory medium of claim 15,

wherein the graphical program comprises a graphical data flow program.

22. (Currently Amended) The non-transitory computer accessible memory medium of claim 15,

wherein said programmatically requesting the information specifying the invocation interface of the graphical program comprises calling one or more methods or one or more functions to request the information specifying the invocation interface of the graphical program.

23. (Currently Amended) The non-transitory computer accessible memory medium of claim 15,

wherein said programmatically requesting the information specifying the invocation interface of the graphical program comprises programmatically sending a message to request the information specifying the invocation interface of the graphical program.

24. (Currently Amended) A computer-implemented method comprising:

utilizing a computer to perform:

receiving from a requesting program a request to determine an invocation interface of a ~~stored~~ graphical program, wherein the invocation interface is usable to invoke execution of the graphical program, wherein the graphical program is stored on a first computer system, wherein the requesting program executes on a second different computer system;

programmatically determining the invocation interface of the graphical program in response to the request, wherein programmatically determining the invocation interface includes programmatically determining one or more parameters that should be passed to the graphical program when invoking execution of the graphical program; and

returning information specifying the invocation interface of the graphical program to the requesting program;

wherein the information specifying the invocation interface of the graphical program is used by the requesting program to invoke execution of the graphical program.

25. (Currently Amended) A computer-implemented method, wherein the method is performed by a first computer system, the method comprising:

programmatically requesting information specifying an invocation interface of a ~~stored~~ graphical program, wherein the invocation interface is usable to invoke execution of the graphical program, wherein the graphical program is stored on a second computer system different from the first computer system;

receiving the information specifying the invocation interface of the graphical program in response to the request, , wherein receiving the information includes receiving information specifying one or more parameters that should be passed to the graphical program when invoking execution of the graphical program; and

invoking execution of the graphical program using the received information specifying the invocation interface of the graphical program, wherein said invoking includes passing the one or more parameters to the graphical program.

26. (Previously Presented) A computer-implemented method comprising:

a test executive application programmatically requesting information specifying an invocation interface of a stored graphical program, wherein the invocation interface is usable to invoke execution of the graphical program;

the test executive application receiving the information specifying the invocation interface of the graphical program in response to the request, [[,]] wherein receiving the information includes receiving information specifying one or more parameters that should be passed to the graphical program when invoking execution of the graphical program; and

the test executive application invoking execution of the graphical program using the received information specifying the invocation interface of the graphical program, wherein said invoking includes passing the one or more parameters to the graphical program.

27. (Currently Amended) A system comprising:

one or more processors;

memory storing program instructions;

wherein the program instructions stored in the memory are executable by the one or more processors to:

receive from a requesting program a request to determine an invocation interface of a ~~stored~~ graphical program, wherein the invocation interface is usable to invoke execution of the graphical program, wherein the graphical program is stored on a first computer system, wherein the requesting program executes on a second different computer system;

programmatically determine the invocation interface of the graphical program in response to the request, wherein programmatically determining the invocation interface includes programmatically determining one or more parameters that should be passed to the graphical program when invoking execution of the graphical program; and

return information specifying the invocation interface of the graphical program to the requesting program;

wherein the information specifying the invocation interface of the graphical program is useable by the requesting program to invoke execution of the graphical program.

28. (Currently Amended) A first computer system comprising:

one or more processors;

memory storing program instructions;

wherein the program instructions stored in the memory are executable by the one or more processors to:

programmatically request information specifying an invocation interface of a ~~stored~~ graphical program, wherein the invocation interface is usable to invoke

execution of the graphical program, wherein the graphical program is stored on a second computer system different from the first computer system;

receive the information specifying the invocation interface of the graphical program in response to the request, wherein receiving the information includes receiving information specifying one or more parameters that should be passed to the graphical program when invoking execution of the graphical program; and

invoke execution of the graphical program using the received information specifying the invocation interface of the graphical program, wherein said invoking includes passing the one or more parameters to the graphical program.